



Complete if Known

Complete if Known

Application Number	10/646,013
Filing Date	8/22/2003
First Named Inventor	Cheng H. Huang
Art Unit	2826
Examiner Name	Remmon R. Forde
Attorney Docket Number	A1063

Sheet	1	of	2
-------	---	----	---

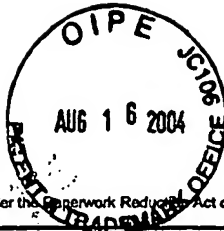
U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A. F.		US- 4,207,556	06-10-1980	Yoshi et al.	
		US- 4,433,331	02-21-1984	Kollaritsch	
		US- 4,609,986	02-21-1986	Hartmann et al.	
		US- 4,617,479	10-14-1986	Hartmann et al.	
		US- 4,761,768	08-02-1988	Turner et al.	
		US- 4,642,487	02-10-1987	Carter	
		US- 5,510,730	04-23-1996	El Gamal et al.	
		US- 5,291,434	03-01-1994	Kowalski	
		US- 6,477,094	11-05-2002	Kim et al.	
		US- 6,456,546	09-24-2002	Kim et al.	
		US- 5,303,199	04-12-1994	Ishihara et al.	
		US- 5,070,384	12-03-1991	McCollum et al.	
		US- 5,463,244	10-31-1995	De Araujo et al.	
		US- 6,125,069	09-26-2000	Aoki	
		US- 6,108,261	08-22-2000	Kim et al.	
		US- 5,844,298	12-01-1998	Smith et al.	
	A. F.		US- 5,831,923	11-03-1998	Casper
		US- 10/780,427	N/A	Chih-Ching Shih et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code ² Number ³ Kind Code ⁴ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete If Known			
		Application Number	10/646,013		
		Filing Date	8/22/2003		
		First Named Inventor	Cheng H. Huang		
		Art Unit	2826		
		Examiner Name	Remmon R. Forde		
Sheet	2	of	2	Attorney Docket Number	A1063

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
A. S.		WEI ZHANG ET AL., "Energy Effect of the Laser-Induced Vertical Metallic Link", IEEE Transactions on Semiconductor Manufacturing, Vol 14, No. 2, May 2001 pp 163-169	
		"Analyzing the process window for laser copper-link processing" Solid State Technology - Semiconductor manufacturing and wafer fabrication, Jan 8, 2003	
		ALEXANDER KALNITSKY et al. "CoSi2 integrated fuses on poly silicon for low voltage 0.18 um CMOS applications" (c) 1999 IEEE	
		MOHSEN ALAVI "A PROM Element Based on Salicide Agglomeration of Poly Fuses in a CMOS logic process" IEEE International Electron Devices Meeting, December 1997	
		NORIAKI SATO et al. "A New Programmable Cell Utilizing Insulator Breakdown", IEDM 1985, pp 639-642	
		JINBONG KIM et al. "Three-Transistor One-Time Programmable (OTP) ROM Cell Array Using Standard CMOS Gate Oxide Antifuse", IEEE Electron Device Letters, Vol 24, No. 9, September 2003 pp. 589-591	
A. S.		WEI ZHANG et al. "Laser-Formed Vertical Metallic Link and Potential Implementation in Digital Logic Integration", PROC MAPLD, MD, 1999 pp 1-7 (B5)	

Examiner Signature		Date Considered	11/12/04
-----------------------	--	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.